



Development Notification Advisory

February 9, 2011

To all DMT Users.

Purpose and Scope of this document: The purpose of this communication is to keep DMT users and prospective users abreast of our development work on the DMT Family of Alcohol Breath Analyzers. This document is intended to be advisory in nature only and any users or prospective users who would like to explore further the items noted may contact our development engineering department for more information.

A mandatory change that CSA wants us to implement is the addition of a protective covering for the incoming AC power conductors. This is necessary to maintain our CSA approval even though the instrument was originally approved by CSA without it. This will be implemented on all production DMTs.

The fuel cell analytical system option has entered the final stages of development as the first instruments are out of production and undergoing extensive testing and QC analysis. One area that has undergone modification is the power source to the fuel cell itself that is also a common source to other areas of the electronics. The sensitivity of the signal from the fuel cell has led us to revisit this with an eye toward further decreasing the potential for any noise in this circuit. It is being changed to capacitors of the same value that are more effective with respect to higher frequency noise filtration. This change is also in keeping with our ongoing conversion of this board to fully surface mount technology as the older capacitors are not conducive to this mounting style. Since this change is fully compatible with older instruments, and will be incorporated into all production boards, we are noting that it is one that users may wish to incorporate into older versions of the boards when instruments are down for either maintenance or recertification since the effects of additional noise filtration are beneficial, regardless.

Even though this modification is simple, fast and inexpensive, it does require surface mount equipment to resolder and realizing that our customers are typically not equipped with this technology, we will make converted boards available to all customers for all DMTs regardless of age at no cost. You only need to cycle all boards through us.

There are no accuracy or software implications concerning this change, and there are no implications regarding DOT approvals.

An internal printer has been added to the DMT and will be available in production versions later this year. It is the same printer that is used on the cdm.

John Fusco  
President

Po Box 1435, 2090 Harrington Memorial Road Mansfield, Ohio 44901  
Phone 1-419-526-6727 Fax 1-419-526-9446